



Sheet 1 of 3

Form PTO-1449 Modified List of Patent and Publications Cited by Applicant (Use several sheets if necessary) U.S. Department of Commerce Patent and Trademark Office		Docket No. UPN-4566/P-3041	Application No. 10/538,361
		Applicant Charles L. Epstein, et al.	
		Filing Date October 20, 2005	Group Not Yet Assigned
		Confirmation No. Not Yet Assigned	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
DV	1	Ablowitz, M.J., et al., "The inverse scattering transform-fourier analysis for nonlinear problems," <u>Studies in Applied Math</u> , 1974, 53, 249-315	
	2	Beals, R., et al., "Scattering and inverse scattering for first order systems," <i>CPAM</i> , 1984, 37, 39-90	
	3	Beals, R., et al., "Scattering and inverse scattering for first order systems: II. Inverse Problems," <i>CPAM</i> , 1987, 3, 577-593	
	4	Carlson, J., "Exact solutions for selective-excitation pulses," <i>J. of Mag. Res.</i> , 1991, 94, 376-386	
	5	Carlson, J., "Exact solutions for selective-excitation pulses. II. Excitation pulses with phase control," <i>J. of Mag. Res.</i> , 1992, 97, 65-78	
	6	Faddeev, L., et al., <u>Hamiltonian Methods in the Theory of Solitons</u> , Springer Verlag, Berlin, Heidelberg, NY, 1987, 1-185	
	7	Grünbaum, F.A., et al., "An exploration of the invertibility of the Bloch transform," <i>Inverse Problems</i> , 1986, 2, 75-81	
	8	Le Roux, P., "Exact synthesis of radio frequency waveforms," <i>Annual Meeting of SMRM</i> , 1988, page 1049	
	9	Moses, H.E., et al., "Eigenvalues and eigenfunctions associated with Gel'fand-Levitan equation," <i>J. Math. Phys.</i> , 1984, 25(1), 108-112	
↓	10	Panych, L.P., "Theoretical comparison of fourier and wavelet encoding in magnetic resonance imaging," <i>IEEE Trans. On Med. Imag.</i> , 1996, 15(2), 141-153	
EXAMINER		/Dixomara Vargas/	DATE CONSIDERED 02/20/2007

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
DV	11	Pauly, J., et al., "Parameter relations for the Shinnar-Le Rous selective excitation pulse design algorithm," <i>IEEE Trans. On Med. Imaging</i> , 1991, 10, 53-65	
	12	Rourke, D.E., et al., "The inverse scattering transform and its use in the exact inversion of the Bloch equation for noninteracting spins," <i>J. of Mag. Res.</i> , 1992, 99, 118-138	
	13	Shinnar, et al., "Inversion of the Bloch equation," <i>J. of Chem. Phys.</i> , 1993, 98, 6121-6128	
	14	Shinnar, M., et al., "The synthesis of pulse sequences yielding arbitrary magnetization vectors," <i>Mag. Res. In Med.</i> , 1989, 12, 74-80	
	15	Shinnar, et al., "The application of spinors to pulse synthesis and analysis," <i>Mag. Res. In Med.</i> , 1989, 12, 93-97	
	16	Shinnar, M., et al., "The synthesis of soft pulses with a specified frequency response," <i>Mag. Res. In Med.</i> , 1989, 12, 88-92	
	17	Widom, H., "The Fredholm Theory," <i>Lectures on Integral Equations</i> , Van Nostrand, Reinhold Co., NY, Toronto, Ont., London, 1969, Chapter III, 35-44	
	18	Zakharov, V., et al., "Korteweg-de Vries equation, a completely integrable Hamiltonian system," <i>Funk. Anal. Pröz.</i> , 1971, 5(4), 18-27 (translated pages 280-287)	
	19	Zakharov, V., et al., "On the complete integrability of the non-linear Schrödinger equation," <i>Teor. Mat. Fiz.</i> , 1974, 19(3), 332-343 (translated pages 551-559)	
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Examiner Initial		Document No.	Date	Name	Class	Subclass
DV	20	5,153,515	10/06/92	Leigh, et al.	324	307
↓	21	5,449,376	09/12/95	Callahan	607	2
↓	22	5,572,126	11/05/96	Shinnar	324	314
↓	23	5,821,752	10/13/98	LeRoux	324	314

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Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

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